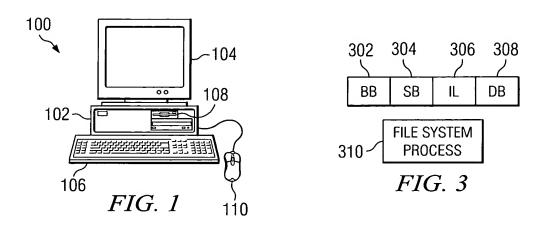
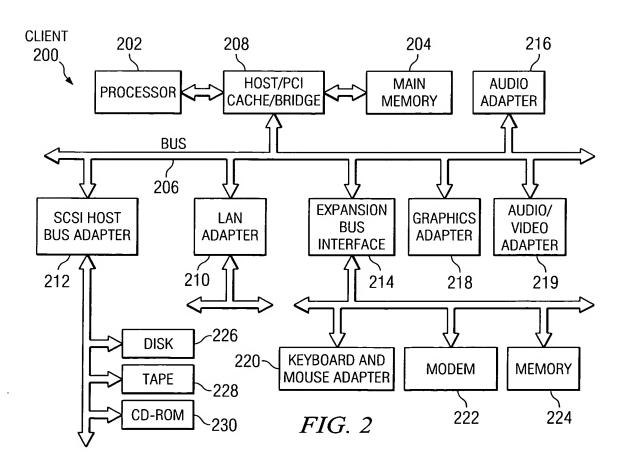
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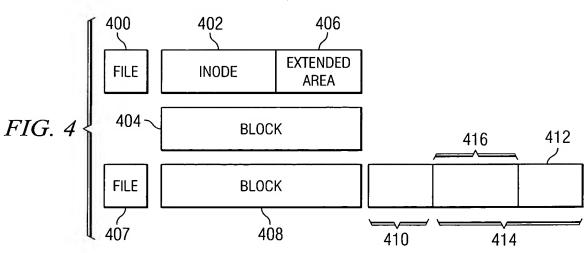




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```
500
                           dinode {
                                             I. base area (128 bytes)
                                       define generic/POSIX attributes
                           inostamp; /* 4: stamp to show inode belongs to fileset */
                           fileset;
                                       /* 4: fileset number */
                                       /* 4: inode number, aka file serial number */
                           number;
                                       /* 4: indode generation number */
                           gen;
                                               /* 8: inode extent descriptor */
                           ixpxd;
                           size;
                                               /* 8: size */
                    502
                           nblocks;
                                       /* 8: number of blocks allocated */
FIG. 5A
                           nlink;
                                               /* 4: number of links to the object */
                           uid;
                                               /* 4: user id of owner */
                           gid;
                                               /* 4: group id of owner */
                                               /* 4: attribute, format and permission */
                           mode;
                                       /* 8: time last data accessed */
                           atime;
                                       /* 8: time last status changed */
                           ctime;
                           mtime;
                                       /* 8: time last data modified */
                                       /* 8: time created */
                           otime;
                                                  /* 16: acl descriptor */
                           di acl;
                           di ea;
                                                  /* 16: ea descriptor */
                    504 \{ next_index; /* 4: Next available dir_table index */
```

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```
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alctype;
             /* 4: Type of ACL */
                  Extension Areas.
                  Historically, the inode was partitioned into 4 128-byte areas,
                  the last 3 being defined as unions which could have mult
                  uses. The first 96 bytes had been completely unused unt
                  an index table was added to the directory. It is now mo
                  useful to describe the last 3/4 of the inode as a single
                  union.
         */
         union {
                  struct {
                             This table contains the information needed to
                           * find a directory entry from a 32-bit index.
                           * If the index is small enough, the table is in
                           * otherwise, an x-tree root overlays this table
                                                            /* 96: inline *
                           dir_table_slot_table[12];
                           _dtroot;
                                                   /* 288: dtree root */
                                                                                           506
                                                   /* (384) */
                  } _dir;
                  struct {
                           union {
                                                          /* 96: unused */
                                   data [96];
                                   struct {
                                                         /* 4: unused */
                                             imap;
                                           gengen;
                                                         /* 4: generator */
                                   } _imap;
                                                                     /* 96: *
                           } ul;
                           union {
                                    _xtroot[288];
                                   struct {
                                          unused[16];
                                                           /* 16: */
                                                           /* 16: */
                                           dxd;
                                          union {
                                                                               /* 4: */
                                                                 dev:
                                                                  fastsymlink [128];
                                           } _u;
                                           inlineea[128];
                                          _inlinedata[128];
                                   } _special;
                                                          508
                          } _u2;
                  } _file;
                                                                 FIG. 5B
         } u;
};
```

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